

**Repeat imaging decision support, requiring a clinical justification to override before CDS can be ignored (an accountability tool), resulted in avoidance of 1 in 13 (7.5%) of repeat CTs**

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**Reference:**

O'Connor SD, Sodickson AD, Ip IK, Raja AS, Healey MJ, Schneider LI, Khorasani R. Requiring clinical justification to override repeat imaging decision support: impact on CT use. AJR. 2014;203(5):W482-9

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## Predictors for Dropping Repeat CT Orders (n=28,420 orders)

|  | Odds Ratio<br>(95% Confidence Interval) | p-value |
|--|---|---------|
| Override justification requirement present(reference=absent) | 1.26 (1.14-1.39)                        | <0.0001 |
| Care Setting (reference=Cancer Center)                       |   | <0.0001 |
| Primary Care   | 6.87 (5.11-9.15)                        | <0.0001 |
| Emergency  | 2.80 (2.32-3.35)                        | <0.0001 |
| Inpatient  | 1.74 (1.51-2.02)                        | <0.0001 |
| Specialty  | 1.63 (1.42-1.88)                        | <0.0001 |

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